

Technology Deployment Initiatives and Partnership Program

Request for Funding

FY 2001

FHWA Strategic Goal Area: Productivity

Project Title: Vehicle Count, Classification, and Occupancy Monitoring Equipment (for Denali National Park and the Alaska Region of the National Park Service)

Problem Statement: The National Park Service (NPS) has as an agency goal to protect the scenic, cultural, and natural resources within the lands within the NPS system. To develop projects that minimize the impact to these lands information on exactly what types of vehicles utilize the National Park is important. Traffic counts are usually just that, a number. When developing management activities for a National Park, more information on what types of vehicles, the numbers of, and the times those vehicles arrive are all pieces of information needed. The parks in the Alaska Region of the NPS are studying their traffic to develop the best management practices for handling the visitation while still protecting park resources.

Proposal: WFLHD is proposing to purchase traffic counters/classifiers for use by the Alaska Region of the NPS in studying the traffic at Denali National Park. Equipment would be purchased by WFLHD, installed and operated by the NPS, and ultimately owned by the NPS for their traffic/classification work in the Alaska Region.

Benefits: The benefits are that more accurate traffic counters and critical information on vehicle classification. Additionally information such as speed and arrival times will be gathered. The information is a benefit to the NPS for developing studies on how to manage traffic in the NPS. The information benefits WFLHD in designing any proposed projects.

Resources/Cost: \$7,500 for coordination and development \$15,000 for traffic counters/classifiers to study the traffic in Denali National Park. The equipment would be owned and maintained by the Alaska Region of the NPS.

Duration: Coordination and development will be through the summer visitation season during Fiscal Year 2001.

Organization/Method: Coordination during the winter and spring of FY2001 will involve purchasing the appropriate equipment and developing a plan for gathering the traffic data in the Park. Early summer will involve getting the equipment in place and working in the Park. During the summer monitoring and analysis of the data will occur.

Submitter:

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